

E1 24. (Amended once) The pressure sensor of claim 23, wherein the [base portion of the metal] lead upon which the pressure transducer is mounted is a ground lead.

EV 29. (Amended once) The pressure sensor of claim 28, wherein the [base portion of the metal] lead upon which the pressure transducer is mounted is a ground lead.

REMARKS

Claims 23-44 remain pending in this application, with claims 36-44 having been withdrawn from consideration. The amendments to the claims are made to address the rejections under 35 U.S.C. Section 112, second paragraph only. The amendments add no new matter to the application.

Restriction of the claims

Applicant respectfully continues to traverse the restriction of the claims. The Office Actions have not provided reasons why the subject matter of claims 23-35 is patentably distinct from the subject matter of claims 36-44. The Office has merely stated that these claims are patentably distinct without providing the reasons for that conclusion. The Office has the responsibility of establishing a prima facie case in all instances, and a prima facie case requires the Office to state the reasons why the subject matter of one set of claims is patentably distinct from the subject matter of another set of claims. Applicant consequently and respectfully requests that the Office provide the reasoning that is needed to establish a prima facie case or withdraw the restriction requirement.

Rejection of claims 24, 29, and 30 under 35 U.S.C. Section 112, second paragraph

The Office Action states that claims 24 and 29 were rejected on the basis that the phrase "the metal lead" lacked antecedent basis. Applicant has amended the claims to conform more closely to the language used in independent claim 23 from which these claims depend. Claim 23 indicates that the transducer is disposed upon a metal base, and the metal base forms a portion of one of the multiple leads extending into the chamber through the walls. Consequently, one of ordinary skill in the art interpreting this claim understands that the metal base forms part of one